

ABSTRACT

DEVELOPMENT OF LEARNING MODULE ICT HARDWARE FOR STUDENTS IN CLASS VII EVEN SEMESTER SMPN 2 MUNTILAN

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The purpose of this study is to realize the creation of learning modules ICT (Information and Communication Technology) subject of the hardware (hardware) to support the learning process and determine the feasibility of modules that have been made to study subjects of ICT (Information and Communication Technology).

The method used in this study is a research & development (Research and Development). The research was carried out in the SMP Negeri 2 Muntilan. Research subjects were members of the group ICT learning and research objects form the subject of ICT learning module hardware. The methods used in data collection that is by observation and documentation, and methods of data analysis is by qualitative descriptive analysis techniques.

The results of this research is a form of learning media modules is done through several stages, namely: (1) identification of the problem, (2) data collection, (3) design module, (4) validation module, (5) revision of the module, (6) product trials; (7) final revision, (8) publication module. The results of the feasibility test on the subject of ICT learning module hardware which was developed by expert instructional media as a whole the media get a percentage of 88.21% included in the category of very good, according to experts the material terms of the quality of the material to obtain a percentage of 88.89% included in the category of very good, according to students on the test module to obtain a percentage of 81.60% included in the excellent category. Based on test results expert instructional media, test matter experts and product trials can be concluded that developed modules fit for use as a medium of learning on the subjects of ICT (Information and Communication Technology) subject of the hardware (hardware).

Keywords: manufacturing, learning modules, Information and Communication Technology, hardware.